

## **TABLE OF CONTENTS**

### **DOE BULLETIN BOARD**

[What's New on the FEMP Web Site?](#)

### **CONGRESSIONAL ACTIVITIES**

[Congressional Schedule](#)

[Status of Pending Appropriation Bills of Interest to FEMP](#)

[Conference Committee Negotiations](#)

[Status of Pending Authorization Bills of Interest to FEMP](#)

[Hearings of Interest to FEMP](#)

### **FEDERAL AGENCY ACTIVITIES**

[Department of Energy \(DOE\)](#)

[Department of the Interior \(DOI\)](#)

[Environmental Protection Agency \(EPA\)](#)

[Federal Energy Regulatory Commission \(FERC\)](#)

[White House](#)

[Atlanta Region](#)

[Boston Region](#)

[Chicago Region](#)

[Denver Region](#)

[Philadelphia Region](#)

[Seattle Region](#)

### **STATE AND LOCAL GOVERNMENT ACTIVITIES**

[General Announcements](#)

[Atlanta Region](#)

[Boston Region](#)

[Chicago Region](#)

[Denver Region](#)

[Philadelphia Region](#)

[Seattle Region](#)

### **UTILITIES AND SUPPLIER ACTIVITIES**

[General Announcements](#)

[Atlanta Region](#)

[Boston Region](#)

[Chicago Region](#)

[Denver Region](#)

[Philadelphia Region](#)

[Seattle Region](#)

## PRIVATE SECTOR

[General Announcements](#)

[Atlanta Region](#)

[Boston Region](#)

[Chicago Region](#)

[Denver Region](#)

[Philadelphia Region](#)

[Seattle Region](#)

## ALTERNATIVE FUELS AND VEHICLES

[General Announcements](#)

[Atlanta Region](#)

[Boston Region](#)

[Chicago Region](#)

[Denver Region](#)

[Philadelphia Region](#)

[Seattle Region](#)

## MEETINGS, CONFERENCES AND TRAINING WORKSHOPS

[Multiple Regions](#)

[Atlanta Region](#)

[Boston Region](#)

[Chicago Region](#)

[Denver Region](#)

[Philadelphia Region](#)

[Seattle Region](#)

[International](#)

## STUDIES, REPORTS, AND ANALYSES

[Solar and Renewable Energy](#)

[Alternative Fuels and Vehicles](#)

[Utility-Related Issues](#)

[Miscellaneous](#)

## APPENDICES

[A – Status of FY04 Appropriations Bills](#)

[B – New Legislation of Interest](#)

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[C – New Technologies](#)

[D – Meetings, Conferences, and Other Events](#)

The **FEMP MONTHLY UPDATE** is prepared expressly for the Department of Energy's Office of Federal Energy Management Programs (FEMP). The purpose of the **UPDATE** is to provide FEMP management staff with timely information on topics relevant to the program. This includes the status of pending Federal and state legislation and summaries of public and private sector energy-related activities. The **FEMP MONTHLY UPDATE** is prepared for FEMP by Energetics, Incorporated, (202) 479-2748.

## DOE BULLETIN BOARD

*The Department of Energy Strategic Plan – Protecting National, Energy, and Economic Security with Advanced Science and Technology and Ensuring Environmental Cleanup, Department of Energy, September 30, 2003*

The Department released the final plan after requesting public input this past summer. In the Secretary's message regarding the plan, the Department has "updated our mission, established long-term goals, laid out our strategies to achieve them, and identified key intermediate objectives along the way." The plan includes four strategic goals:

- Defense Strategic Goal
- Energy Strategic Goal
- Science Strategic Goal
- Environmental Strategic Goal

The purpose of the Energy Strategic Goal is "To protect our National and economic security by promoting a diverse supply and delivery of reliable, affordable, and environmentally sound energy." The goal includes 14 specific strategies; **strategy number 11 is to "promote the reduction of energy consumption in Federal facilities and other end use applications."** To view the report, go to <http://strategicplan.doe.gov>.

*Short Term Energy Outlook, Energy Information Administration (EIA), October 2003*

The most recent Energy Information Administration short-term outlook focuses on the transition into the 2003-2004 heating season months from October to March. The winter fuels outlook expects the season to begin with near-average inventory levels and remain as such if the weather is normal. Heating oil and natural gas prices are highly weather dependent. If heating degree days are 10 percent higher than normal, heating prices are able to exceed the normal amounts by as much as 19 percent.

World oil prices are expected to remain near \$30 per barrel for the winter. West Texas Intermediate forecast crude oil prices to remain high over the next three to six months until dropping to \$27 per barrel by late 2004.

## CONGRESSIONAL ACTIVITIES

### **CONGRESSIONAL SCHEDULE**

November 7 is the new (tentative) adjournment target date for Congress. With outstanding legislation still to be addressed – both FY 2004 appropriations and authorization bills, such as comprehensive energy legislation, it is unclear whether that date will be pushed back to later in the month.

### **STATUS OF PENDING APPROPRIATION BILLS OF INTEREST TO FEMP**

***Continuing Resolution*** On October 21, the House approved *H. J. Res. 73 – Making Continuing Further Appropriations for FY 2004*. The bill, if approved by the Senate, which is likely, will extend operations of Federal programs through November 7. This is the second CR for Fiscal Year 2004; the first CR, *H.J. Res. 69* is effective until October 31. The new CR also includes a number of FY 2004 appropriations bills passed by the House earlier this year, two of which are of interest to Federal energy officials:

- ***H.R. 2799/S. 1585 – Commerce, Justice, State, and the Judiciary*** (the bill includes funding for construction and renovation projects for the Departments of Commerce and Justice and the Department of State's embassy projects)
- ***H.R. 2660/S. 1356 – Labor, Health and Human Services, and Education*** (the bill includes construction and renovation projects for the Department of Labor's Jobs Corps Centers and the Department of Health and Human Services National Institutes of Health).

**The Senate is expected to consider and vote on *H.R. Res. 73* during the week of October 27 by blending the Senate version of the bills as an amendment to the House-passed CR.** The House and Senate Republican Leadership has been directed by the Administration to maintain a 4 percent increase in spending over FY 2003 funding levels. Significant differences in funding levels have been approved in the House and Senate bills, which could make conference

Natural gas storage has been regained with historically high levels being injected into underground storage so that almost 3 trillion cubic of gas will be in storage by November 1. Natural gas production is expected to increase by 2.1 percent this year. In response to high prices, demand for natural gas most likely will drop by 1.1 percent in 2003. The current price is below \$5.00 per million Btu.

#### WHAT'S NEW ON THE FEMP WEB SITE

Information on the annual FEMP awards for saving energy at Federal Facilities is available at [www.eere.energy.gov/femp/prodtech/awards.html](http://www.eere.energy.gov/femp/prodtech/awards.html)

Presentations, pictures and participant list from Energy2003 are available at [www.energy2003.ee.doe.gov](http://www.energy2003.ee.doe.gov).

The new FEMP FY 2004 Training Catalog and Resource Guide of courses for Federal energy managers has been released for FY2004. Visit [www.eere.energy.gov/femp/resources/training/femptraining.html](http://www.eere.energy.gov/femp/resources/training/femptraining.html) to learn about the many options.

The National Renewable Energy Laboratory recently redesigned their website to make it easier to navigate. See the results at [www.nrel.gov](http://www.nrel.gov).

[Back to Table of Contents](#)

negotiations difficult on an omnibus bill containing multiple annual appropriations bills.

To date, only 3 of 13 annual appropriations bills have been enacted into law:

- Defense (*P.L. 108-87*)
- Homeland Security (*P.L. 108-90*)
- Legislative Branch (*P.L. 108-83*)

Two bills of interest that has yet to pass the Senate, but is being pushed by Senate Majority Leader Tom Frist (R/TN) as a stand-alone bill includes:

- ***H.R. 2673/S. 1427 – Agriculture, Rural Development, and Food and Drug Administration*** (the Senate may take this bill up this week as a stand-alone bill; bill includes construction and renovation projects for the Department of Agriculture and the Food and Drug Administration)
- ***H.R. 2861/ S. 1584 – Veterans' Administration, Housing and Urban Development, and Independent Agencies*** (the Senate is scheduled to begin consideration of the bill this week – the bill includes funding for VA major and minor construction projects and for the Environmental Protection Agency's building and renovation projects)

The Senate is expected to consider and vote on *H.R. Res. 73* during the week of October 27 by blending the Senate version of the various bills as an amendment to the House-passed CR.

#### FY 2004 Appropriations

- Refer to [Appendix A](#). Status of FY 2004 Appropriations Bills
- Also refer to [www.eere.energy.gov/femp/resources/initiatives.html](http://www.eere.energy.gov/femp/resources/initiatives.html) for more information on FY 2004 appropriations bills. The detailed bill summary chart will be updated on a weekly basis while Congress is in session and will be reported in *INSIGHTS: 108<sup>th</sup> Congress* newsletter.

#### CONFERENCE COMMITTEE NEGOTIATIONS

- ***H.R. 2555/S. Amendment to H.R. 2555 – Interior and Related Agencies (The conference committee approved the bill on October 27; the bill provides funding for the Department of Energy's Energy Efficiency, Fossil Energy, and Nuclear Energy programs)***
- ***H.R. 2754/S. 1424 – Energy and Water Development*** (The conference committee is scheduled to begin negotiations on the bill, which includes funding for the Department of Energy's renewable energy programs)

- ***H.R. 2989/S. 1589 – Transportation, Treasury, and Related Agencies*** (Although the Senate passed its version of the bill last week, no conference schedule has been announced; the bill includes funding for the Public Building Service of the General Services Administration and funding for the repair of the Department of the Treasury Annex)
- ***H.R. 3289/S. 1689 - FY 2003 Emergency Supplemental Appropriations*** (The bill is pending conference negotiations and includes some additional funding for domestic military construction projects)

## **STATUS OF PENDING AUTHORIZATION BILLS OF INTEREST TO FEMP**

- Refer to [www.eere.energy.gov/femp/resources/initiatives.html](http://www.eere.energy.gov/femp/resources/initiatives.html) – Legislative Databases

***H.R. 6 – Energy Policy Act of 2003*** Once again, progress on pending comprehensive energy legislation has been stalled over disagreements on a controversial title. The Republican House and Senate leadership has been unable to reach agreement on tax incentive issues dealing with ethanol, a natural gas pipeline, among other topics. In addition, the House Republican Leadership is insisting on several issues that are not supported widely in the Senate - selected amendments to the *Clean Air Act* and a product liability protection provision for producers of MTBE fuel additives.

Originally, House-Senate conferees were scheduled to meet on October 22 to formally review and vote on the energy package. Last week, Pete Domenici (R/NM), Chairman of the House-Senate Energy Conference Committee promised to release to the Democrats the unpublished titles (e.g., electricity, tax incentives) 48 hours in advance of a conference committee meeting. In response to the latest delay, Chairman Domenici released the following statement:

I am deeply disappointed to announce that we must again delay the conference on the energy bill that was scheduled for this coming Tuesday. There are a number of issues that must be resolved in order to proceed.

I certainly understand the House's position on these matters. But I am a pragmatist. I have no intention of emerging from conference with a bill that cannot be supported by majorities of both Democrats and Republicans in the Senate.

I do believe the nation needs an energy bill. We need to establish predictable rules and mandatory reliability standards for electricity transmission, encourage diverse energy technologies, develop domestic sources of transportation fuels and research new technologies such as hydrogen.

For these reasons, I know we will eventually resolve these issues and get an energy bill. I would like that to be sooner rather than later, but it may be that more pressure needs to be built to force compromise. That will happen as many of the tax incentives expire, and FERC continues to operate without clear, new statutory guidance.

I have just been elected to a six-year term. I plan to spend those six years as chairman of the Energy and Natural Resources Committee. I know we will get an energy bill. I will be patient, but how long should the country wait?

In response to Chairman Domenici's statement, Bill Tauzin (R/LA), Chair of the House Committee on Energy and Commerce said:

No one said this was going to be an easy process, but the sky is not falling, and I remain convinced that Congress will deliver a comprehensive national energy bill this year. For weeks, all parties have been negotiating around the clock in good faith. This latest setback is a speed bump, not a roadblock...this is a time for all of us to regroup and refocus on the important task at hand.

We have no guarantees against another crippling blackout. In short, we have many reasons to finish our job - and no good reason not to do it.

At this point, Chairman Domenici has not announced a new conference committee schedule.

## HEARINGS OF INTEREST TO FEMP

- *No new hearings or marks ups of interest to report.*

[Back to Table of Contents](#)

# **FEDERAL AGENCY** **ACTIVITIES**

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## DEPARTMENT OF ENERGY (DOE)

***Independent Analysis Planned*** The Department of Energy has announced the agency's intent to award a five-year, sole-source contract to the National Academy of Sciences (NAS) to conduct an independent assessment for the Department. Specifically, the NAS will be charged with the following tasks:

- Assess and validate scientific and engineering excellence in the Department's missions and programs.
- Inform the Department of relevant scientific and technical data and related views of experts about the agency's research and programmatic activities.
- Apply the judgments of science and engineering to public policy.
- Contribute to the vitality and productivity of the Department's scientific enterprise and the agency's extended research and development communities.

For additional information on Solicitation Number DE-RP01-04PI45013, contact Larry Lansing at 202-287-1478. The contract is estimated at \$40 million over the five-year term.

## ***National Laboratory Activities***

***Pacific Northwest National Laboratory (PNNL)*** A group of corporations has formed the GridWise™ Alliance to use information technology to improve energy delivery and customer appliances. Steve Hauser, Director of the Alliance said, "The GridWise Alliance takes a systems approach, one that optimizes energy resources by allowing all elements of the power grid to work together in smarter and faster ways. It envisions new and existing technologies working together, allowing each to sense and respond to real-time changes in the entire grid." One such technology is the Grid-Friendly™ Appliance controller, which, plugged into an appliance, can monitor energy usage on the grid, and can shut down the appliance for an intermittent period if the grid became overburdened. Alliance members, which include Alstom, Battelle, IBM, PJM, RockPort Capital Partners, Semptra Energy, and UAL, believe that the use of millions of these monitoring cards could help reduce grid requirements and blackouts. For more information, visit [www.pnl.gov](http://www.pnl.gov).



***National Renewable Energy Laboratory (NREL)*** NREL and DuPont will lead a research effort to develop the first integrated “bio-refinery” to produce chemicals from corn and other renewable resources. NREL Director Admiral Richard Truly said, “With this project our nation takes a big step toward the day when we can produce many of the transportation fuels and chemical stocks we require from domestically grown corn and energy crops, as well as agricultural and forestry residues.” Doug Kaempf of DOE’s Office of Biomass supports the \$7.7 million program and views it as an opportunity to establish partnerships between the U.S. government and industry. The project was funded through a Cooperative Research and Development Agreement. For more information, visit [www.nrel.gov](http://www.nrel.gov).

***Sandia National Laboratory (SNL)*** Sandia National Laboratory is leading a program to lower the cost of energy derived from wind and to maximize the cost effectiveness of producing wind from relatively less windy sites. Paul Veers of the Wind Energy Technology Department at Sandia said, “We are looking at methods of building larger, stronger blades for turbines using a hybrid of carbon graphite fibers and fiberglass that sweep a greater area without greater cost.” The laboratory expects to produce the new technology by next summer. DOE is funding public-private partnerships to develop “sub-scale” sizes of rotor blades through its Low Wind Speed Turbine Program. For more information, visit [www.sandia.gov](http://www.sandia.gov).

## **DEPARTMENT OF THE INTERIOR (DOI)**

**The U.S. Fish and Wildlife Service (FWS) has published interim guidelines for utility companies on how to protect resources and streamline the facility design process of siting wind farms on Federal, state, and private land.** The Wind Turbine Siting Working Group, established by FWS in 2002, created the guidelines as part of the Department’s Renewable Energy on Public Lands Initiative. The guidelines will be open for public comment for a two year period and will be revised as necessary. To view the interim guidelines, visit [www.fws.gov](http://www.fws.gov).

## **ENVIRONMENTAL PROTECTION AGENCY (EPA)**

### ***ENERGY STAR®***

**An energy efficient home built by the National Renewable Energy Laboratory (NREL) and Habitat for Humanity of Metro Denver received the ENERGY STAR® New Millenium Builder Award for 2003.** The home received the highest rating of 95.9 on the E-Star scale. Project supporters included Midwest Research Institute, Battelle and Bechtel, which provided sponsorship fees and the Department of Energy and NREL provided 3,000 volunteer hours to help build the 1,425 foot house. (Source: *NREL Press Release*, October 21, 2003)

## **FEDERAL ENERGY REGULATORY COMMISSION (FERC)**

**On October 14, the National Petroleum Council submitted a new report commissioned by FERC.** The report, *Balancing Natural Gas Policy – Fueling the Demands of a Growing Economy* stated that a balanced energy portfolio must come from increased energy efficiency and conservation, alternative energy sources for power generators and industrial consumers, gas resources from previously inaccessible areas of the U.S., and liquified natural gas imports. The council recommends that policy initiatives must include improved demand flexibility and efficiency, increased supply diversity, sustained and enhanced infrastructure, and the promotion of market efficiency. Highlights of the report and comments from FERC Chairman Pat Wood can be found at [www.ferc.gov](http://www.ferc.gov).

**Earlier this month, FERC issued a ruling on the ownership of renewable energy credits, but the ruling has raised new questions.** FERC ruled that qualifying facilities, which tend to be small generators (up to 80 MW) actually own the credits, according to Federal law, unless their contract states that they do not. Some states, such as California, have determined that renewable credits actually belong to the utilities.

## **WHITE HOUSE**

**On October 20, 2003, the Office of Management and Budget and the Department of the Treasury released a joint statement regarding the Federal budget deficit of \$374 billion for FY 2003.**

The Secretary of the Treasury noted the following:

Today's budget numbers reinforce the indications we have seen for some months now: that the economy is well on the path to recovery. Increased consumer income and spending, a robust housing market, improved business spending – coupled with low inflation and low interest rates – all show we are heading in the right direction of an accelerating recovery. As the economy grows, government revenues will go up, which will help keep the deficit under control.

The Director of the Office of Management and Budget stated the following:

The improvement in our budget picture since our forecast last July is an encouraging sign that the economic recovery is gaining momentum. Although the deficit is still projected to increase in 2004, and will likely exceed \$500 billion even with the strengthening economy, we can put the deficit on a responsible downward path if we continue pro-growth economic policies and exercised responsible spending restraint. The President's budget does precisely that, halving the deficit from its 2004 peak within five years.

[Back to Table of Contents](#)

## **ATLANTA REGION**

**Robins Air Force Base in Georgia is seeking a supplier of interruptible natural gas service of the base.** The Air Force plans to award a contract for a base year and two option years. For further information on Solicitation Number FA8501-04-R-0003, contact Juanita Steimetz at 478-926-3695.

## **BOSTON REGION**

*No new activities of interest to report.*

## **CHICAGO REGION**

*No new activities of interest to report.*

## **DENVER REGION**

*No new activities of interest to report.*

## **PHILADELPHIA REGION**

*No new activities of interest to report.*

## **SEATTLE REGION**

*No new activities of interest to report.*

[Back to Table of Contents](#)



# **STATE AND LOCAL GOVERNMENT ACTIVITIES**

## **GENERAL INFORMATION**

**The Interstate Renewable Energy Council (IREC) has released model rules for net metering and interconnection policies.** The rules, which are based on the interconnection procedures of FERC's rulemaking on small generator interconnection and the Massachusetts DTE consensus interconnection tariff, include procedure paths for three different size categories: 10 kW receive a simplified review; up to 20 MW receive a standard review; and larger generators may require additional study requirements. IREC released the standards primarily to spur new small scale renewables infrastructure development. For more information, visit [www.irec.org](http://www.irec.org).

## **ATLANTA REGION**

### **► *Status of Utility-Related Activities***

**Secretary of Trade and Commerce Michael Schewel and Deputy Attorney General Judith Jagdmann of the State of Virginia have proposed that the legislature postpone full electricity deregulation in the state and keep rates capped until 2010.** They believe that since the electric market was partially deregulated in 2002, few players have entered the market, which would result in a lack of competition when the market is fully deregulated. Critics argue that players have a difficult time beating Dominion's prices because customers must pay Dominion to switch suppliers. The two state officials propose elimination of the fee. The legislative committee with jurisdiction over deregulation will consider the matter over the next few weeks. David Botkins of Dominion Virginia Power supported the idea of extending the rate cap period because, "it allows additional time for a competitive marketplace to develop." (Source: *Knight Ridder Tribune*, October 15, 2003)

## **BOSTON REGION**

*No news of interest to report.*

## **CHICAGO REGION**

### **► *Status of Utility-Related Activities***

**A law passed earlier this year by the Minnesota State Legislature requires the Public Utility Commission of Minnesota to establish utility performance standards.** Currently, only Xcel Energy must adhere to performance standards; the new law will impose standards on Minnesota Power, Dakota Electric Association, Interstate Power & Light, and Otter Tail Power. The legislation was proposed after Xcel allegedly released false information in its reports. Earlier this year, each utility was required to summarize the previous five years service and present standards that they could adhere to in the future. (Source: *Knight Ridder Tribune*, October 16, 2003)

## **DENVER REGION**

### **► *General State Activities***

**The Nebraska Public Power District conducted a wind-power survey that revealed that 86 percent of consumers are willing to pay higher electric bills to procure wind-generated power.** NPPD and the Omaha Public Power District are planning a 50 MW wind farm comprised of several dozen turbines. The goal is to generate, by 2010, five percent of its energy from renewable sources. Legislation was passed earlier this year that stated that utilities were no longer required to use the lowest-cost means of generating electricity. This new law will allow utilities to venture into smaller renewables projects. Iowa

utilities procure 422 MW of electricity derived from wind, with plans to increase the amount by 200 MW. (Source: *Omaha World – Herald*, October 8, 2003)

## PHILADELPHIA REGION

### ► *Status of Utility-Related Activities*

**The Maryland Public Service Commission (PSC) will require all major energy companies in the state to provide electricity at regulated prices to small customers for up to four years after rate caps expire.** To garner enough electricity to meet consumer demand, the companies must seek bids from wholesale electric suppliers. PSC officials hope that the settlement will help reduce rates by increasing electricity competition, since the move to deregulate occurred in 2000. Kenneth Schisler of the PSC said, "We hope that by having a fair ... process for procuring standard offer service that we're going to have a number of suppliers who are going to enter Maryland's market to participate... Ultimately, the objective will be to achieve a competitive retail marketplace." (Source: *Baltimore Sun*, October 4, 2003)

## SEATTLE REGION

### ► *General State Activities*

**The Los Angeles County Sanitation Districts will begin using a 250-kw Direct FuelCell® (DFC®) power plant.** Caterpillar Inc. and FuelCell Energy, Inc. purchased the ultra-low emissions fuel cell power generation plant for installation at the Palmdale Water Reclamation Plant in northwest Los Angeles County during the last quarter of 2004. For more information, visit the website of the Los Angeles County Sanitation Districts at [www.lacsd.org/csdhome1.htm](http://www.lacsd.org/csdhome1.htm). (Source: *Clean Edge News*, September 26, 2003)

**The City of Portland, Oregon's, Bureau of Environmental Services (BES) has installed four microturbines fueled by biogas in their Columbia Boulevard Wastewater Treatment plant.** The microturbines provide 120 kW of power, enough energy to operate the entire plant. Additionally, the facility contains a 200 kW fuel cell, installed in 1999, that converts biogas into energy. Both projects are part of the City Energy Challenge, an energy-efficiency program established by the Office of Sustainable Development. The program has saved Portland more than \$2 million per year in energy costs. (Source: *Greenpower*, Fall 2003)

**The State of California could once more open its electric market to competition, if Governor-elect Arnold Schwarzenegger (R) imposes the policy laid out in his position papers.** Mr. Schwarzenegger has not disclosed whether or not he will seek \$9 billion in refunds from the state energy crisis that occurred between 2001-2002. Former Governor Pete Wilson (R), who has joined the transition team, has stated that the Governor-elect "wants to move to a free market in power. That's still the future for the state." (Source: *Greenwire*, October 9, 2003)

**Senator Harry Reid (D/NV) spoke at a renewable energy summit in Reno, Nevada, in early October and advised western states to work together to establish a regional energy policy.** Attendees included utility and industry representatives and elected officials interested in forming a Western States Renewable Energy Council. Mr. Reid said, "Renewable energy is the future, but the future is not here yet... There are plenty of well-meaning people here but they need to do more than talk to each other, they need to exercise political power." Keith Schwer of the Center for Business and Economic Research at the University of Nevada-Las Vegas pointed out that, "Nevada is the state with the greatest renewable energy potential in the West." A white paper was presented at the one-day conference that laid out a nine-point plan for exporting Nevada's renewable energy to other states. The author, Jon Wellinghoff, stated that the Western Area Power Administration and the Bonneville Power Administration should improve transmission access for routing renewable power to power plants, and proposes that the agencies purchase power derived from renewable energy sources in addition to the hydropower that they already purchase. The report states, "[Bonneville Power Administration] should facilitate renewable energy development by

purchasing power from renewable energy projects and ... reselling it on a long-term, full-cost basis to utilities." (Source: *Greenwire*, October 8, 2003, and *Las Vegas Review-Journal*, October 9, 2003)

**The City of Montclair, New Jersey, has expressed interest in expanding its solar energy use in municipal buildings by retrofitting the buildings with solar energy systems.** Solar panels placed on schools could produce power, which, in the summer, could be sold back to the utility and result in new revenue. These ideas were presented by speakers at the Solar Cities Summit held in September, sponsored by the San Francisco Public Utilities Commission (SFPUC). Speaking to a group of 50 mayors and other public representatives, Edward Smeloff of SFPUC said, "The biggest challenge is the political will to do it at the policy-making level and finding the proper [municipal] organization to see it through." New Jersey's energy bill, passed by former Governor Christine Whitman in 1999, allots \$250 million over eight years for the New Jersey Clean Energy program. The program provides rebates of up to 70 percent of the cost of solar energy installation and equipment. (Source: October 1, 2003)

**Wind farms in the State of Washington are causing controversy due to the high cost power output, the reticence of some to the fact that they get tax breaks, and their endangerment to wildlife.** Zilkha Renewable Energy has faced this controversy as a result of their plan to build 240 wind turbines in Kittitas Valley over the next few years. While many environmental groups support the construction of wind farms, Audubon warns that construction needs must be considered in light of the overall impact because, "we don't want to find ourselves in the same situation as we have with salmon." For example, dams were built without considering the overall impact on fish. PPM Energy Jan Johnson said in defense of tax breaks to wind farms, "Every form of energy, whether it's natural gas energy or nukes, has grandfathered-in subsidies." Bonneville Environmental Foundation's Rob Harmon said, "There's sort of been a critical mass building up around this issue and there's pent-up demand." (Source: *Seattle Post-Intelligencer*, September 19, 2003)

[Back to Table of Contents](#)

## **UTILITIES AND SUPPLIER ACTIVITIES**

### **GENERAL ANNOUNCEMENTS**

**Greentie, an international directory of suppliers whose technologies help to reduce greenhouse gas emissions, has established a project broker through their website to assist companies, at no cost, in finding greenhouse gas reducing technologies that can be installed at their site.** Technologies and products included on the site are energy efficiency; renewable energy; or services such as consulting, finance, or project management. For more information, visit [www.greentie.org](http://www.greentie.org).

### **ATLANTA REGION**

*No news of interest to report.*

### **BOSTON REGION**

*No news of interest to report.*

### **CHICAGO REGION**

#### **► Restructuring Activities**

**The Department of Energy, through its State Energy Program, has awarded a grant to VRB Power Systems Inc. to assess the transmission benefits of deploying hybrid renewable energy-storage systems.** Project findings will assist the State of Wyoming to expand its transmission system to absorb wind-generated capacity. If implemented, this measure is expected to reduce the likelihood of brownouts

and blackouts. The project will examine the effect on grid congestion of combined renewable generation and electric energy storage facilities and potential economic advantages. Researchers will also assess barriers and opportunities for energy storage given renewable state energy portfolio standards. The study will be completed by July 15, 2004. (Source: *PRNewswire*, September 25, 2003)

**The Eau Claire Energy Cooperative is working with Onyx's Waste Services' Seven Mile Creek Landfill to provide methane gas to Dairyland Power Cooperative in Wisconsin.** The landfill is anticipated to produce 3 MW, with potential expansion to 5 MW of power, allowing Dairyland to generate renewable energy for their residential and business customers. For more information, visit [www.ecec.com](http://www.ecec.com). (Source: *Greenpower*, Fall 2003)

## DENVER REGION

### ► *Restructuring Activities*

**Austin Energy will provide the Austin Independent School District (AISD) with 45 million kWh of renewable power annually through the utility's GreenChoice program.** The renewable energy purchase will comprise 30 percent of AISD's total energy use, and is the largest renewable energy purchase by a school district in the U.S. In 2002, the City of Austin purchased more renewable energy than any other city. Recently, the city council authorized the purchase of 93 MW of wind power to be built by 2005, which will support the city's goal of purchasing five percent of its power from renewable sources by 2005. For more information, visit [www.austinenergy.com](http://www.austinenergy.com).

## PHILADELPHIA REGION

*No news of interest to report.*

## SEATTLE REGION

### ► *Restructuring Activities*

**On October 1, New Mexico Governor Bill Richardson (R) and representatives from the Public Service Company of New Mexico and Florida Power and Light dedicated a New Mexico Wind Energy Center near House, New Mexico.** The 204 MW wind farm is the third largest wind generation facility and includes 136 turbines spread along 15 miles. (Source: *LCG*, September 23, 2003)

### ► *Public Benefits Programs*

**The Los Angeles Department of Water and Power (LADWP) and the Department of Public Works commissioned the installation of a 250 kW Direct FuelCell® power plant that will be powered by biogas generated from the wastewater treatment process at the Terminal Island Treatment Plant in San Pedro.** The \$2.3 million plant is funded through the LADWP's Public Benefits Program, DOE, and DOD, and is expected to result in up to 50 percent less fuel per kWh than conventional power plants. City Councilwoman Janice Hahn said, "This is a great example of City departments working together to further our goal of cleaner air in the Harbor area." David Wiggs of LADWP said, "When you look at this fuel cell power plant you are really seeing the future of a new generation of energy production that not only provides clean, highly efficient energy but also uses renewable resources." For more information, visit [www.ladwp.com](http://www.ladwp.com).

[Back to Table of Contents](#)

# **PRIVATE SECTOR**

## **GENERAL ANNOUNCEMENTS**

**The U.S. Green Building Council (USGBC) has developed the Leadership in Energy and Environmental Design Green Building Rating System for Core and Shell Development (LEED-CS).** The system is for use by designers, builders, developers and new building owners who use sustainable design for new core and shell construction. USGBC has compiled a project scope checklist to help define the distinction between “base building” and “tenant improvement” core and shell responsibility. The Pilot version of LEED-CS will be tested for one year and can be viewed at [www.usgbc.org/Docs/News/News467.pdf](http://www.usgbc.org/Docs/News/News467.pdf). USGBC is accepting LEED-CS pilot applications for those buildings wishing to participate in the testing of the rating system before its release in the marketplace. For more information on LEED-CS and pilot applications, visit [www.usgbc.org](http://www.usgbc.org).

## **ATLANTA REGION**

*No news of interest to FEMP.*

## **BOSTON REGION**

*No news of interest to FEMP.*

## **CHICAGO REGION**

*No news of interest to FEMP.*

## **DENVER REGION**

*No news of interest to FEMP.*

## **PHILADELPHIA REGION**

**Johnson & Johnson’s Janssen Pharmaceutica Products of Titusville, New Jersey, has become one of the largest solar installations on the East Coast.** The rooftop system consists of 2,8450 solar panels that produce 245 kW with the potential to produce 500 kW. The new solar electric system, installed by PowerLight Corporation, provides ten percent of the Janssen Pharmaceutica facility’s annual energy requirements. Johnson & Johnson has specific corporate policies that support the use of renewable energy. State and Federal programs promoting solar energy use funded 57 percent of this project. (Source: *New York Times*, October 12, 2003)

## **SEATTLE REGION**

**Lowe’s, the 2003 ENERGY STAR® Retail Partner of the Year, has installed a solar electric system at its West Hills store in Los Angeles, California.** PowerLight Corporation used Shell solar technology to install the 370-kW solar system. The system covers 37,500 square feet of store’s flat rooftop. An additional benefit of the solar tiles placement is their increased insulation, reducing heating and cooling needs. (Source: *EERE Network News*, October 8, 2003)

**Vallejo, California, recently became the number one city in the nation in terms of installed photovoltaic capacity per capita with the installation of a 214-kW system.** The new system will provide 80 percent of electricity needed to a water pumping station. (Source: *EERE Network News*, October 8, 2003)

In California, Santa Monica's Pacific Park has installed a 50-kW solar power system to fully power the 130-foot Ferris wheel during the day. (Source: *EERE Network News*, October 8, 2003)

[Back to Table of Contents](#)

## **ALTERNATIVE FUELS AND VEHICLES**

### **GENERAL ANNOUNCEMENTS**

**Department of Energy's Hydrogen, Fuel Cells, and Infrastructure Technologies Program is seeking to contribute to industry efforts and the President's Hydrogen Initiative of developing a hydrogen economy by soliciting applications for hydrogen education development activities.** The solicitation DE-PS36-03GO93016 closes on December 4, 2003. For more information, contact James Damm at [james.damm@go.doe.gov](mailto:james.damm@go.doe.gov) or by visiting <http://e-center.doe.gov>.

**The Department of Energy and the National Hydrogen Association (NHA) are inviting students in North American colleges and universities to participate in the First Annual University Student Hydrogen Design Contest.** The teams will use creativity and knowledge from a range of disciplines, including design-architecture, engineering, economics, environmental and physical sciences, business and others to design a next-generation hydrogen fueling station. The winning team will present their findings at the 2004 NHA Annual Conference in Hollywood, California. (Source: Clean Cities, October 2003)

**Toyota Motor Corporation announced that the Prius, their revamped gas-electric hybrid, has exceeded the company's sale target of 3,000 orders for the month with 17,500 orders in Japan for the month of September.** Additionally, Toyota has **introduced a new gas-electric hybrid Lexus RX330 sports utility vehicle** for sale in one year. (Source: *Greenwire*, October 10, 2003)

### **ATLANTA REGION**

#### **► *AFV Fleet Acquisitions***

**With help from the East Tennessee Clean Fuels Coalition, Knoxville Area Transit (KAT) will debut four propane-electric hybrid trolleys to service the downtown Knoxville area in October.** (Source: Clean Cities, October 2003)

### **BOSTON REGION**

#### **► *AFV Fleet Acquisitions***

**Global Electric Motorcars (GEM), a subsidiary of DaimlerChrysler, donated 75 of their low speed GEM vehicles to the City of Boston and 2004 Democratic convention.** This donation is part of a larger program that has given over 2,000 GEM vehicles to municipalities and charitable organizations. (Source: Clean Cities, October 2003)

### **CHICAGO REGION**

#### **► *New Products and Services***

**On September 26, the City of Lansing, Michigan, joined Department of Energy's Clean Cities program.** The Clean Cities program is a partnership between government and industry that promotes the use of alternative fuels. The Greater Lansing Clean Cities Coalition, which was inducted into the program, has worked for seven years to integrate alternative fuel use in the city and surrounding areas. Department of Energy (DOE) assisted the group in developing a market for alternative fuel vehicles, and to build local support and a plan to achieve goals. DOE Secretary Abraham stated, "Alternative fuels are



an important component of President Bush's National Energy Plan to promote our nation's energy security by ensuring dependable, affordable and environmentally sound energy for the future...Lansing and the other cities across the country that have earned the Clean Cities designation are making a significant contribution to a secure and clean energy future." (Source: Department of Energy press release, September 26, 2003)

## DENVER REGION

### ► *Infrastructure Activities*

**The Kwik Shop in Maize, Kansas is opening an 85 percent ethanol (E85) pump and E10 unleaded.** This will be the second E85 location in Kansas, with the other pump located at the Topeka Truck & Travel Center Texaco. (Source: National Ethanol Vehicle Coalition press release, October 20, 2003)

## PHILADELPHIA REGION

*No news of interest to FEMP.*

## SEATTLE REGION

### ► *AFV Fleet Acquisitions*

**Honda has added two hydrogen-fueled Honda FCX coupes to San Francisco's fleet of 700 alternative fueled vehicles.** Honda will lease the cars for two years to the city for \$24,000 and provide the hydrogen. With the addition of these vehicles, the total number of hydrogen-fueled vehicles in California is increased to 38. Los Angeles has already signed a similar contract to lease five FCXs. (Source: *San Francisco Chronicle*, September 26, 2003)

**Toyota will lease two hydrogen powered fuel cell hybrid vehicles to University of California-Irvine's National Fuel Cell Research Center and UC-Davis' Institute of Transportation Studies.** (Source: *Fuels Cell Technology Update*, October 2003)

[Back to Table of Contents](#)

# **MEETINGS, CONFERENCES, AND TRAINING** **WORKSHOPS**

- Refer to [Appendix C](#) – New Technologies
- Refer to [Appendix D](#) – Calendar of Upcoming Events.

## MULTIPLE REGIONS

**The Association of Energy Engineers offers online and distance-learning seminars and courses.** Upcoming seminars include “Utility Cost Control” on October 28, “3D Load Profiling Using Interval Meter Data” on November 24, “Optimizing Boiler Efficiency” on December 2, and “Strategic Energy Planning” on December 8. The first seminar educates consumers on how to reduce electricity bills. The second seminar provides a foundation in energy data analysis and advanced techniques from interval metering and other sources to cut energy costs. The third seminar presents a systematic approach to increase boiler efficiency in any type of facility. The fourth seminar designed for energy managers and facility professionals covers energy data, energy supply, and energy use in facilities, energy efficiency of systems and equipment, and organizational integration. Upcoming courses include “Microturbines” on December 4 and “Fuel Cells” on December 8. The first course examines microturbines and their use for self-generation of electricity. The second course covers fuel cells and their use for self-generation of

electricity. For more information on the seminars, see [www.aeecenter.org/training](http://www.aeecenter.org/training) or [www.aeecenter.org/realtime](http://www.aeecenter.org/realtime).

## **ATLANTA REGION**

**The Department of Energy, Southface Energy Institute, Georgia Environmental Facilities Authority, and other organizations are sponsoring the GREENPRINTS 2004 Sustainable Communities by Design Conference and Tradeshow in Atlanta, Georgia, on March 18-19.** The conference will include a tradeshow and how-to sessions to provide tools to make attendees achieve green sustainable design goals. For more information, visit [www.southface.org/home/g2k3/g2k3index.html](http://www.southface.org/home/g2k3/g2k3index.html).

## **BOSTON REGION**

**The Northeast Sustainable Energy Association and Massachusetts Technology Collaborative are sponsoring the Building Energy 2004 Conference in Boston, Massachusetts, on March 10-13.** The conference will focus on renewable energy and green buildings, featuring four full days of workshops, tours, over 100 world-class speakers and a trade show. For more information, visit [www.nesea.org/buildings/be/2004index.html](http://www.nesea.org/buildings/be/2004index.html).

## **CHICAGO REGION**

**The Department of Energy, Environmental Protection Agency, and other organizations are sponsoring the Eighth National Green Power Marketing Conference in Chicago, Illinois, on November 3-5.** The conference will review green power marketing in electricity markets and outline methods to increase the development of renewable energy sources through customer choice. For more information, visit [www.eere.energy.gov/greenpower/conference](http://www.eere.energy.gov/greenpower/conference).

**The Department of Energy is sponsoring How to Meet Federal Energy Goals-Midwest Workshops in St. Louis, Missouri, on November 18-19, 2003.** A different workshop will take place each day covering the following three topics: water conservation, greening initiatives, and FEMP's Assessment of Load Energy and Reduction Techniques program (ALERT). For more information, visit [www.tech-res-intl.com/femp/index.htm](http://www.tech-res-intl.com/femp/index.htm).

## **DENVER REGION**

*No new events of interest to report.*

## **PHILADELPHIA REGION**

**The Philadelphia Regional Energy Office is sponsoring a Metropolitan Washington Regional Alternative Fuels Clean Cities Partnership Meeting in Washington, D.C., on November 11.** For more information on the meeting, see [www.eere.energy.gov/pro/events\\_november.html#naltfuels](http://www.eere.energy.gov/pro/events_november.html#naltfuels).

**Penn Future is hosting the 4<sup>th</sup> Annual Green Power: Turn It On! Awards Luncheon in Philadelphia, Pennsylvania, on November 19.** The luncheon honors individuals, businesses, and institutions promoting green power, renewable energy market policies, and renewable supply formation. Award recipients include the Commonwealth of Pennsylvania; Atlantic Renewable Energy Corporation; Stargazers Winery; Ecoprint, Inc.; Kinko's, Inc.; Johnson & Johnson; the University of Pennsylvania; HERSHEY PARK and many others. For information on the luncheon, visit [www.pennfuture.org/items/index.cfm?action=List&pagename=Item&backpage=Calendar&category=pennevents&catlist=%27pennevents%27%2C%20%27otherevents%27%2C%20%27partners%27&CurrtDate=11%2F19%2F03&id=1245&area=event\\_camp&nodate=2](http://www.pennfuture.org/items/index.cfm?action=List&pagename=Item&backpage=Calendar&category=pennevents&catlist=%27pennevents%27%2C%20%27otherevents%27%2C%20%27partners%27&CurrtDate=11%2F19%2F03&id=1245&area=event_camp&nodate=2).

**The Maryland Energy Administration and Maryland Department of Business and Economic Development are sponsoring the Maryland Industries of the Future and the Maryland Energy Institute Annual Conference in Baltimore, Maryland, on November 19.** The conference will consist

of two workshops and will cover topics on energy market forecast, energy efficiency in steam systems, industrial energy efficiency assessments, green energy tag and certification programs, and economics of combined heat and power. For information on the agenda and registration, visit [www.energy.state.md.us/events/iof.html](http://www.energy.state.md.us/events/iof.html).

## **SEATTLE REGION**

**The American Council on Renewable Energy is sponsoring POWER-GEN Renewable Energy Conference in Las Vegas, Nevada, on March 1-3.** The conference covers a range of technical, regulatory, structural, economic, and market issues impacting the renewable and emerging renewable technologies commercial future. For more information, visit <http://pgre04.events.pennnet.com>.

## **INTERNATIONAL**

*No new events of interest to report.*

[Back to Table of Contents](#)

# **STUDIES, REPORTS, AND ANALYSES**

## **SOLAR AND RENEWABLE ENERGY**

***Permitting Small Wind Turbines: Learning from the California Experience*, American Wind Energy Association and the California Energy Commission, Fall 2003**

The report lists permitting standards for small wind energy systems, provides overviews of state incentives, and offers information on how to address problems such as acoustics, concern for wildlife, property values, and visual impacts. In addition, the report provides best practices for state review of small wind permit applications. To access the report, call (916) 654-4058.

***Meso-Scale Wind Resource Map of Nevada*, National Renewable Energy Laboratory and Nevada State Office of Energy, October 2003**

The map provides detailed information on wind resource distribution in the state. The data reveals that Nevada has almost 7000 MW available for development, and utilizing these resources would allow Nevada to expand its economy by \$2 billion. To view the map, visit [www.nrel.gov](http://www.nrel.gov).

***Geothermal Resource Maps for 13 Western States*, National Renewable Energy Laboratory, October 2003**

The maps show the location of geothermal resources, temperatures, best identified location for building power plants, and land ownership information, for the States of Alaska, Arizona, California, Colorado, Hawaii, Idaho, Montana, New Mexico, Nevada, Oregon, Utah, Washington and Wyoming.

Both maps were created using Geographical Information System (GIS) technology. To view the maps, visit [geothermal.id.doe.gov/maps-software](http://geothermal.id.doe.gov/maps-software) or [www.renewableenergysummit.com](http://www.renewableenergysummit.com).

## **ALTERNATIVE FUELS AND VEHICLES**

*Fuel Economy Guide*, Department of Energy and the Environmental Protection Agency (EPA), October 2003

The guide is available on the new and improved [www.fueleconomy.gov](http://www.fueleconomy.gov) web site. The web site features fuel economy, emissions, and safety data for the Model Year 2004, with extra fuel-saving tips for drivers. In releasing the guide, Acting EPA Administrator Marianne Horinko stated that, “with this fuel economy information, Americans can choose the vehicle that’s right for them with a good understanding of its environmental impact, its fuel consumption, and its costs.”

*Vehicle Buyer's Guide for Fleets: Clean Cities Tools and Resources Fact Sheet*, Department of Energy’s Clean Cities, October 2003

The online guide assists consumers of government and community fleets in incorporating light and heavy-duty alternative fuels and vehicles (AFV) into their fleets. This guide helps a consumer determine which AFV is best for their fleet and provides information on Federal and state laws, regulations, and incentives for AFV fleets. The online guide is available at [www.ccities.doe.gov/vbg/fleets](http://www.ccities.doe.gov/vbg/fleets) or contact the National Alternative Fuels Hotline at 1-800-423-1363.

*State and Alternative Fuel Provider Regulations Annual Report*, National Renewable Energy Laboratory, September 2003

This report shows that many fleets are successfully using the available technology provided by alternative fuels and vehicles to fulfill daily business needs. Additionally, the report provides consumers with information on vehicle acquisition, outreach activities, credit trading and other accomplishments of the *Energy Policy Act of 1992* program for Model Year 2002 and Fiscal Year 2003. To view the report, visit [www.nrel.gov/docs/fy03osti/34597.pdf](http://www.nrel.gov/docs/fy03osti/34597.pdf).

## **UTILITY-RELATED ISSUES**

*How To Secure the Electricity Network to Avoid Blackouts*, LCG Consulting, September 2003

The authors reveal that regional planning and coordinating synchronized operating reserves could be the best preventive measure for electricity blackouts. Not only must transmission networks be expanded, but the coordination of electricity flowing through the wires must be improved. Synchronized operating reserves are extra electric generators that provide electricity without interruption if normal grid operations are disrupted. The authors simulated a worst-case-scenario outage and found that “strategic use of additional generators improves the capability of the system to continue to meet customer requirements when extensive transmission line and generator outages acquire momentum through the system.” The study can be found at [www.energyonline.com/reports/SecureElectricityNetwork.pdf](http://www.energyonline.com/reports/SecureElectricityNetwork.pdf).

## **MISCELLANEOUS**

*Vital Signs 2003-2004*, Worldwatch Institute, October 2003

This annual guide presents data and trends in energy production and use, environment, and resource economics on a global basis. The report can be obtained by visiting [www.earthscan.co.uk](http://www.earthscan.co.uk).

*Military Housing - Better Reporting Needed on the Status of the Privatization Program and the Costs of Its Consultants*, General Accounting Office (GAO), October 2003

In response to a request from the House Subcommittee on Military Construction (Committee on Appropriations), GAO reviewed Department of Defense (DOD) consultant expenditures used to support the privatization of military housing for service members and their families. The Military Housing Privatization Initiative is a program established by Congress to provide DOD with additional authorities

for improving military housing. Private sector investment capital and housing construction expertise is used in this program to establish and maintain military housing. The author of this report recommends that “DOD track the number of privatized units renovated and newly constructed and report this data to Congress. GAO is also recommending that DOD define housing privatization program support and consultant costs.” To view the report, go to [www.gao.gov](http://www.gao.gov). Report number is GAO-04-111.

[Back to Table of Contents](#)

# APPENDIX A

## STATUS OF FY 2004 APPROPRIATIONS BILLS

(In Millions)

**HOUSE**

**SENATE**

<i>Jurisdiction/ FY 2004 Budget Request</i>	<i>302(b) Allocations / Approved Funding Level</i>	<i>Bill No.</i>	<i>Full Cmte. Mark Up</i>	<i>Floor Vote</i>	<i>Vote on Conf Rpt</i>	<i>302(b) Allocation ns/Approv ed Funding Level (New)</i>	<i>Bill No.</i>	<i>Full Cmte. Mark Up</i>	<i>Floor Vote</i>	<i>Vote on Conf. Rpt.</i>
<b>Agriculture</b> <b>\$17,141</b>	\$17,005	<b>H.R.</b> <b>2673</b>	6/25	7/14		\$17,005	<b>S.</b> <b>1427</b>	7/17	<b>Week of</b> <b>10/27</b>	
<b>Commerce</b> <b>\$37,685</b>	\$37,914	<b>H.R.</b> <b>2799</b>	7/16	7/23		\$37,014	<b>S.</b> <b>1585</b>	9/4		
<b>Defense</b> <b>\$371,698</b> <b>P.L. 108-86</b>	\$368,662	<b>H.R.</b> <b>2658</b>	6/26	7/8	9/24	\$368,662	<b>S.</b> <b>1382</b>	7/9	7/17	9/25
<b>Energy and Water Development</b> <b>\$26,946</b>	\$27,080	<b>H.R.</b> <b>2754</b>	7/15	7/18		\$27,313	<b>S.</b> <b>1424</b>	7/17	9/16	
<b>Homeland Security</b> <b>\$27,481</b> <b>P.L. 108-90</b>	\$28,521	<b>H.R.</b> <b>2555</b>	6/17	6/24	9/24	\$28,521	<b>H.R.</b> <b>2555</b>	7/10	7/24	9/24
<b>Interior</b> <b>\$19,552</b>	\$19,627	<b>H.R.</b> <b>2691</b>	6/25	7/17		\$19,627	<b>S.</b> <b>1391</b>	7/10	9/23	
<b>Labor / HHS</b> <b>\$137,990</b>	\$138,046	<b>H.R.</b> <b>2660</b>	6/25	7/10		\$137,601	<b>S.</b> <b>1356</b>	6/26	9/10	
<b>Military Construction</b> <b>\$9,237</b>	\$9,196	<b>H.R.</b> <b>2559</b>	6/17	6/26		\$9,196	<b>S.</b> <b>1357</b>	6/26	7/11	
<b>Transportation and Treasury</b> <b>\$27,802</b>	\$27,502	<b>H.R.</b> <b>2989</b>	7/24	9/9		\$27,502	<b>S.</b> <b>1589</b>	9/4	10/23	
<b>VA/HUD</b> <b>\$89,434</b>	\$90,034	<b>H.R.</b> <b>2861</b>	7/21	7/25		\$90,034	<b>S.</b> <b>1584</b>	9/4	<b>Week of</b> <b>10/27</b>	



**Note:** The chart reflects the current status of 10 of the 13 annual appropriations bills and compares the House and Senate versions of each bill, including proposed FY 2004 funding and actual FY 2003 funding (if data was readily available). The summaries include relevant provisions of interest to Federal officials interested in energy management and construction and renovation projects.

<b>HOMELAND SECURITY</b>			
<b>Key Program Activity</b>	Harold Rogers (R/KY) Subcommittee Chair	Thad Cochran (R/MS) Subcommittee Chair	<b>Budget Request</b>  <b>\$27.481 billion</b>
	<b>House Bill</b>  <b>P.L. 108 - 90 (Signed October 1, 2003)</b>	<b>Senate Bill</b>  <b>P.L. 108 - 90 (Signed October 1, 2003)</b>	<b>Statement of Administration Policy</b>  <u>Administration supports passage of House bill.</u>
<b>Headquarters Facility</b>	<u>Total Funding: \$0 Funding</u>  Committee opposes request for \$30 million for a new facility and recommends GSA should be the lead agency for construction of a new facility.	<u>Total Funding: \$0 million</u>  Committee does not recommend appropriations for a consolidated Departmental Operations" account.	but states that the Committee substantially reduced Departmental operations and did not
<b>United States Coast Guard</b> (Total FY 2003 appropriations funding level unspecified)	<u>Total Funding: Unspecified Funding Level</u> (for acquisitions, construction, renovation, and improvement of aids to navigation, shore facilities, vessels, and aircraft, including equipment)	<u>Total Funding: Unspecified Funding Level</u> (for acquisitions, construction, renovation, and improvement of aids to navigation, shore facilities, vessels, and aircraft, including equipment)	fund the headquarters facility project. Funding is required to meet the new Department's facility needs. Administration believes a strong
<b>United States Secret Service</b> (FY 2003 appropriations totaled \$3.519 million)	<u>Total Funding: Unknown</u> (for acquisitions, construction, improvements, and related expenses	<u>Total Funding: \$Unknown</u> (for acquisitions, construction, improvements, and related expenses	headquarters operation is essential to the coordination and management oversight
<b>Bureau of Immigration and Custom Enforcement</b> (unknown)	<u>Total Funding: Unspecified Funding Level</u> (for <u>construction</u> )	<u>Total Funding: \$26.775 million</u> (for construction)	of new Department and its components, especially as it is taking
<b>Federal Law Enforcement Training Center</b> (FY 2003 appropriations \$32.029 million)	<u>Total Funding: \$32.323 million</u> (for expansion)	<u>Total Funding: \$28.708 million</u> (for expansion)	root. Reduction would inhibit this ability.  <u>Administration supports passage of Senate bill</u> , despite different views on unrelated provisions.
<b>Bureau of Customs and Border Protection</b> (FY 2003 funding level unknown)	<u>Total Funding: Unspecified</u>	<u>Total Funding: \$90.363 million</u> (to plan, construct, renovate, equip, and maintain buildings and facilities)	
<b>James J. Rowley Training Center</b>	<u>Total Funding: Unspecified</u> (to prepare a master plan)	<u>Total Funding: \$3.579 million</u> (to continue develop of the current master plan and to maintain and renovate center's existing facilities)	
<b>INTERIOR and RELATED AGENCIES</b>			
<b>Key Program Activity</b>	Charles Taylor (R/NC) Subcommittee Chair	Conrad Burns (R/MT) Subcommittee Chair	<b>Budget Request</b>  <b>\$19.552 billion</b>
	<b>House Bill</b>	<b>Senate Bill</b>	

	<b>H.R. 2691 (H. Rpt. 108-195)</b>	<b>S. 1391 (S. Rpt. 108-89)</b>	<b>Statement of Administration Policy</b>  <u>Administration supports passage of House bill</u> , but provided specific comments on selected provisions, as noted below. Administration is concerned the bill fails to fully support the President's request for key Administration initiatives. In particular, the bill underfunds the President's Hydrogen Fuel Initiative, which seeks to make our air cleaner and our country less dependant on foreign sources of energy. Administration commends the Committee for extending the Recreation Fee Demonstration authorities. (Proceeds from the fees are used to finance construction and renovation projects on Federal lands, such as the National Park Service, the U.S. Forest Service, etc.)
	<b>Current Status:</b> Passed the House on July 17; <b>Conference Committee approved report on October 27.</b>	<b>Current Status:</b> Passed the Senate on September 24; <b>Conference Committee approved report on October 27.</b>	
	<b>Total Funding:</b> \$19.6 billion	<b>Total Funding:</b> \$19.490 billion	
<b>Department of Energy</b>	<b>Total Funding: \$889 million for Energy Conservation</b>	<b>Total Funding: \$889 million for Energy Conservation</b>	
<b>Federal Energy Management Program</b> (FY 2003 appropriations total \$23.425 million)	<b>Total Funding: \$19.962 million</b> (identical to the President's Budget Request)	<b>Total Funding: \$19.962 million</b> (identical to the President's Budget Request)	
<b>Building Technologies</b> (FY 2003 appropriations totaled \$52.563 million)	<b>Total Funding: \$58.963 million</b>	<b>Total Funding: \$52.563 million</b>	
<b>Distributed Energy Resources</b> (FY 2003 appropriations totaled \$54.784 million)	<b>Total Funding: \$64.284 million</b>	<b>Total Funding: \$51.784 million</b>	
<b>Industrial Technologies</b> (FY 2003 appropriations totaled \$91.477 million)	<b>Total Funding: \$97.729 million</b>	<b>Total Funding: \$64.429 million</b>	
<b>Vehicle Technologies</b> (FY 2003 appropriations totaled \$153.563 million)	<b>Total Funding: \$184.423 million</b>	<b>Total Funding: \$157.623 million</b>	
<b>Fuel Cell Technologies</b> (FY 2003 appropriations totaled \$57.5 million)	<b>Total Funding: \$56.5 million</b>	<b>Total Funding: \$77.5 million</b>	
<b>Weatherization and Intergovernmental Activities</b> (FY 2003 appropriations totaled \$359.446 million)	<b>Total Funding: \$307.642 million</b>	<b>Total Funding: \$288.2 million</b>	
<b>Biomass and Biorefinery Systems</b> (FY 2003 appropriations totaled \$23.939 million)	<b>Total Funding: \$0 funding</b> (Committee believes program should be funded through the Energy and Water Development appropriations)	<b>Total Funding: \$8.808 million</b>	
<b>National Climate Change Technology Initiative</b> (FY 2003 appropriations totaled \$20 million)	<b>Total Funding: \$0 funding</b>	<b>Total Funding: \$9.5 million</b>	
<b>Program Management</b> (FY 2003 appropriations totaled 74.954 million)	<b>Total Funding: \$90.164 million</b> (includes \$500,000 for the National Academy of Sciences program review, \$5 million for cooperative programs with states, and \$5 million for the energy efficiency science initiative)	<b>Total Funding: \$76.664 million</b>	
<b>Northeast Home Heating Oil Reserve</b> (FY 2003 appropriations \$5.961 million)	<b>Total Funding: \$5 million</b>	<b>Total Funding: \$5 million</b>	
<b>Gateway Deployment (New)</b>	<b>Total Funding: N/A</b>	<b>Total Funding: \$27.960 million</b>	

<b>Energy Information Administration</b> (FY 2003 appropriations totaled \$80.087 million)	<u>Total Funding: \$82 million</u>	<u>Total Funding: \$80.111 million</u>	
<b>Department of the Interior</b>			
<b>Fish and Wildlife and Parks</b> (FY 2003 appropriations unknown)	<u>Total Funding: Unspecified Funding Level</u> (for facilities)	<u>Total Funding: Unspecified Funding Level</u> (for facilities)	
<b>National Park Service Operations</b> (FY 2003 appropriations totaled \$1.63 billion for facilities and <u>unrelated tasks</u> )	<u>Total Funding: \$137 billion</u>	<u>Total Funding: \$1636.3 billion</u>	
<b>Smithsonian Institution</b> (FY 2003 appropriations totaled \$98.779 million)	<u>Total Funding: \$93.779 million</u> for facilities capital	<u>Total Funding: \$89,970 million</u> for facilities capital	
<b>National Gallery of Art</b> (FY 2003 appropriations totaled \$16.25 million)	<u>Total Funding: \$11.6 million</u> for repair, restoration, and renovation of buildings	<u>Total Funding: \$11.6 million</u> for repair, restoration, and renovation of buildings	
<b>John F. Kennedy Center for the Performing Arts</b> (FY 2003 appropriations totaled \$17.6 million)	<u>Total Funding: \$16 million</u> for construction	<u>Total Funding: \$16 million</u> for construction	
<b>Federal Land Recreation Fee Demonstration Program</b>	Extends the program for two years; the program uses funds to construct and renovate projects at the National Park Service, the Forest Service, and other public land sites.	N/A	

### **TRANSPORTATION, TREASURY, AND GENERAL GOVERNMENT**

	<i>Ernest Istook (R/OK) Subcommittee Chair</i>	<i>Richard Shelby (R/AL) Subcommittee Chair</i>	<b>Budget Request</b>  <b>\$27.802 billion</b>
<b>Key Program Activity</b>	<b>House Bill</b>	<b>Senate Bill</b>	<b>Statement of Administration Policy</b>
	<i>H.R. 2989 (H. Rpt. 108-243)</i>	<i>S. 1589 (S. Rpt. 108-146)</i>	
	<b>Current Status:</b> Passed the House on June 24.	<b>Current Status:</b> Passed the Senate on October 23.	<b>Administration supports passage of Senate bill</b>
	<b>Total Funding:</b> \$89.594 billion	<b>Total Funding:</b> \$91 billion	
<b>Department of Transportation</b>			
New Department of Transportation Headquarters Building	<u>Total Funding: \$45 million</u>	<u>Total Funding: \$0 million</u>	
<b>General Services Administration</b>			
<b>Federal Building Program</b> (FY 2003 appropriations totaled \$1.626 billion for new construction, repairs and alterations, and \$8 million for energy projects)	<u>Total Funding: \$406.168 million</u> (for construction and acquisition, \$3.308 billion for rental of space, and \$6.458 million for repairs and restoration)	<u>Total Funding: \$659.668 million</u> (for construction and acquisition, \$3.278 billion for rental of space, and \$1.001 billion for repairs and alterations, and \$169)  (Includes \$5 million for the energy program, \$34.737 million for the design program)  (Energy Savings Performance Contracts – improved energy efficiency and conservation at Federal facilities is important component of economical use of public dollars and protection of environment. Committee is aware of GSA's leadership in energy and energy cost savings and use of ESPCs in particular. Since ESPC authority was granted, GSA has entered into 30 contracts with annual energy savings totaling 400,000 but	

		at aggregated project investment of \$89 million. Committee commends GSA's efforts and encourages expanded use of ESPCs by GSA and other government agencies at locations where such contracts will lead to further energy and energy cost savings.)	
<b>Department of the Treasury</b>			
<b>Treasury Building and Annex Repair and Restoration</b> (FY 2003 appropriations totaled \$28.744 million)	<u>Total Funding: \$25 million</u>	<u>Total Funding: \$25 million</u>	
<b>White House Repair</b>			
White House Repair and Restoration Project (FY 2003 appropriations totaled \$1.192 million)	<b>Total Funding: \$4.225 million</b> (for ongoing restoration, which includes various electrical, mechanical and control system components)	<u>Total Funding: \$4.225 million</u>	

[Back to Table of Contents](#)

## **APPENDIX B**

### **HEARINGS SCHEDULE**

Number	Short title	Date	Sponsor	Status
<b><i>H.R. 3339</i></b>	<b><i>National Defense Energy Savings Act of 2003</i></b>	10/17/03	Joe Wilson (R/SC)	Referred to Committee on Armed Services
	<p>Expands DOD's Energy Efficiency Program required by section 317 of the National Defense Authorization Act of 2002, by authorizing DOD to enter into energy savings performance contracts (ESPC).</p> <p>Authorizes DOD to enter into an ESPC for the sole purpose of achieving energy savings. DOD may incur obligations under the contract to finance energy conservation measures so long as guaranteed savings exceed the debt service requirements.</p> <p>ESPC may be established for a period of up to 25 years.</p> <p>ESPC shall require the contractor to incur costs of implementing energy savings measures, including at least cost (if any) incurred in making energy audits, acquiring and installing equipment, and training personnel, in exchange for share of any energy savings directly resulting from implementation of such measures during term of contract.</p> <p>ESPC shall require annual energy audit and include terms and conditions of any government payments and performance guarantees. Guarantee shall provide that either government or contractor is responsible for maintenance and repair services for energy related equipment.</p> <p>Aggregate annual payments by DOE to contractor for energy, operations, and maintenance under an ESPC may not exceed amount DOD would have paid for energy, operations and maintenance in absence of contract.</p> <p>Within 90 days of enactment, DOD and Federal Acquisition Regulatory Council shall issue final rules to establish procedures and methods for use by DOD to select, monitor, and terminate ESPCs in accordance with laws governing Federal procurement that will achieve these goals in a cost-effective manner.</p> <p>Establishes implementation procedures and methods.</p> <p>Establishes pilot program for nonbuilding applications. DOD may carry out pilot program to enter into up to 10 ESPCs to achieve energy savings, secondary savings, and benefits incidental to those purposes, nonbuilding applications, which include any class of vehicles, devices or equipment that is transportable under its own power by land, sea, or air that consumes energy from any fuel source and any Federally owned equipment used to generate electricity or transport water.) Within 3 years of enactment, DOD shall submit to Congress a report on progress and results of program.</p>			

Number		Short title	Date	Sponsor	Status
<i>H.R. 3336</i>		<b>No Short Title</b>	10/17/03	Paul Gillmor (R/OH)	Referred to Committees on the Judiciary and Energy and Commerce
		<p>Clarifies Congressional approval of certain state energy production tax practices such that a state may provide to any entity a credit against any tax or fee owed to state under state law, or any other tax incentive, for production in state by entity that receives such credit or incentive.</p> <p>Eligible entities include electricity from coal mined in the state and used in a facility (if such facility uses scrubbers or other forms of clean coal technology), <b>electricity from a renewable source such as wind, solar, or biomass, or ethanol.</b></p>			

## SENATE

Number		Short title	Date	Sponsor	Status
<i>S. 1754</i>		<b>Electric Reliability Security Act of 2003</b>	10/17/03	Jim Jeffords (I/VT)	Referred to Committee on Energy and Natural Resources
		<p style="text-align: center;"><b>TITLE I—RELIABILITY</b></p> <p><b>SEC. 101. ELECTRIC RELIABILITY STANDARDS.</b></p> <p>Amends <i>Federal Power Act</i>, by vesting FERC with jurisdiction over an electric reliability organization; regional entities; and users, owners, and operators of the bulk power system for approving reliability standards and enforcing compliance with this section.</p> <p>Electric reliability organization shall file proposed reliability standard or modification to a reliability standard with FERC. FERC may approve proposed reliability standard or modification to reliability standard if it determines that standard is just, reasonable, not unduly discriminatory or preferential, and in the public interest.</p> <p>An electric reliability organization may impose a penalty on a user or owner or operator of the bulk power system of the electric reliability organization, if it finds that the operator of the system has violated a reliability standard.</p> <p>Electric reliability organization may delegate authority to a regional entity to propose and enforce reliability standards.</p> <p>Electric reliability organization shall conduct periodic assessments of the reliability and adequacy of the interconnected bulk power system in North America.</p> <p>FERC shall establish a regional advisory body on petition of at least 2/3 of the states within a region that have more than half of their electric load served within the region. The provisions of this section apply only to the contiguous 48 states.</p> <p><b>SEC. 102. MODEL ELECTRIC UTILITY WORKERS CODE.</b></p> <p>Amends <i>Public Utility Regulatory Policies Act of 1978</i>, by requiring DOE to develop, by rule, and circulate among the states, a model code containing standards for electric facility workers to ensure electric facility safety and reliability. DOE shall consult with all interested parties, including representatives of electric facility workers to develop code.</p>			



Number	Short title	Date	Sponsor	Status
	<b>SEC. 103. INTERSTATE COMPACTS ON REGIONAL TRANSMISSION PLANNING.</b>			
	Amends <i>Federal Power Act</i> , to establish a regional transmission planning agency if FERC determines that the agreement would facilitate coordination among states within a particular region with regard to planning of future transmission, generation, and distribution facilities; carry out state electric facility siting responsibilities more effectively; meet other requirements of this section and rules prescribed by the commission under this section; and otherwise be consistent with the public interest.			
	<b>SEC. 104. ELECTRICITY OUTAGE INVESTIGATION.</b>			
	Amends <i>Federal Power Act</i> , to establish an Electricity Outage Investigation Board. Board shall consist of 7 members including Secretary of Energy; FERC Chairman; representative of the National Academy of Sciences; and one representative each appointed by the majority and minority leaders of the Senate and House of Representatives. Board shall investigate major bulk-power system failure in U.S. to determine causes of failure and recommend to Congress and President actions to minimize possibility of future bulk-power system failure.			
	<b>SEC. 105. STUDY ON RELIABILITY OF U.S. ELECTRICITY GRID.</b>			
	Within 45 days of enactment, DOE and National Academy of Sciences shall conduct study on reliability of the U.S. electricity grid.			
	TITLE II - EFFICIENCY			
	<b>SEC. 201. SYSTEM BENEFITS FUND.</b>			
	DOE shall establish a System Benefits Trust Fund Board, which shall establish accounts that shall be used to provide matching funds to states and Indian tribes for the support of state or tribal public benefits programs relating to energy conservation and efficiency; renewable energy sources; and assisting low-income households in meeting energy needs.			
	<b>SEC. 202. ELECTRICITY EFFICIENCY PERFORMANCE STANDARD.</b>			
	Amends <i>Public Utility Regulatory Policies Act of 1978</i> , to establish an electricity efficiency performance standard, such that each electric retail supplier shall implement energy efficiency and load reduction programs and measures to achieve verified improvements in energy efficiency and peak load reduction in retail customer facilities and distribution systems that serve them.			
	Such programs shall produce savings in total peak power demand and total electricity use by retail customers by amount that is equal to or greater than the following percentages relative to peak demand and electricity used in that year by retail electric supplier's customers:			
	-----			
	Reduction in Demand	Reduction in use		
	-----			
	In calendar year 2004	1%	.75%	
	In calendar year 2005	2%	1.5%	
	In calendar year 2007	4%	3.0%	
	In calendar year 2009	6%	4.5%	
	In calendar year 2011	8%	6.0%	
	In calendar year 2013	10%	7.5%	
	-----			

Number	Short title	Date	Sponsor	Status
	<p>Savings shall be counted only for measures installed after 1/1/03.</p> <p>Directs DOE to establish procedures and standards for counting and independently verifying energy and demand savings for purposes of enforcing the energy efficiency performance standard.</p> <p>By 6/30/06, and every 2 years thereafter, each retail electric supplier shall file with state public utilities commission in each state in which it supplies service to retail customers, a report demonstrating that it has taken action to comply with energy efficiency performance standards.</p> <p><b>SEC. 203. APPLIANCE EFFICIENCY.</b></p> <p>Amends <i>Energy Policy and Conservation Act</i> to require that DOE publish a final rule no later than 1/1/07, to determine whether the standards in effect for central air conditioners and central air conditioning heat pumps should be amended.</p> <p><b>TITLE III - ON-SITE GENERATION</b></p> <p><b>SEC. 301. NET METERING.</b></p> <p><b>Amends Public Utility Regulatory Policies Act of 1978, such that each electric utility shall make available upon request, net metering service to any electric consumer that the electric utility serves.</b> Section details revised rates and charges, measurement clauses, and safety and performance standards for on-site generation.</p> <p>Requires electric utilities to provide net metering services to electric consumers until cumulative generating capacity of net metering systems equals 1.0% of the utility's peak demand during the most recent calendar year.</p> <p>Includes provisions regarding the sale of backup power to generating facilities.</p> <p><b>SEC. 303. ON-SITE GENERATION FOR EMERGENCY FACILITIES.</b></p> <p>DOE shall establish demonstration program for implementation of innovative technologies for renewable uninterruptible power supply systems and for dissemination of information on such systems to interested parties. DOE cost share shall not exceed 40%.</p> <p>Authorizes \$30 million for each of the FY 2004-2007 to carry out this section.</p>			

[Back to Table of Contents](#)

## **APPENDIX – NEW TECHNOLOGIES**

**For informational purposes only. Listing does not imply endorsement.**

TECHNOLOGY	MANUFACTURER	MANUFACTURERS CLAIM	CONTACT
<b>HVAC</b>			
<b>Rising Stem Valve Operator RS-II</b>	<b>E.H. Wachs Co.</b>	Fast, reliable opening and closing of water, waste water, pipeline and petroleum valves with variable speed control.	<a href="http://www.wachSCO.com">www.wachSCO.com</a>
<b>Trane EBS Refrigerant Monitors</b>	<b>Trane</b>	Photoacoustic infrared sensing technology eliminates the need for auto-zero calibration.	<a href="http://www.trane.com/TraneHomePage.asp">www.trane.com/TraneHomePage.asp</a>
<b>R-410A Air Conditioning Unit</b>	<b>Lennox Industries</b>	Roof top units in sizes from 5 to 30 tons for commercial voltages. Allow building owners to install air conditioning systems using a refrigerant that meets new government requirements.	<a href="http://www.lenox.com">www.lenox.com</a>
<b>Redesigned Furnace</b>	<b>Tempstar, International Comfort Products</b>	Higher efficiency and serviceability.	<a href="http://www.tempstar.com">www.tempstar.com</a>
<b>LIGHTING</b>			
<b>New Mark 7™ 0-10V Multi-Wattage Dimming Ballast</b>	<b>Advance Transformer Company</b>	Supports 8 different compact fluorescent lamp/ballast combinations including 13-Watt and 18-Watt applications. Meets sustainable design as measured by LEED Green Building Rating System™ performance standards. Use in sophisticated total building management control systems allows for energy cost savings from daylight harvesting and load shedding.	<a href="http://www.advancetransformer.com">www.advancetransformer.com</a>
<b>Grafik 7000™ Centralized Lighting Control System</b>	<b>Lutron Electronics Co., Inc.</b>	Streamlines building operations with energy monitoring and management features and monitors lighting system energy usage and peak demand.	<a href="http://www.lutron.com/lutron">www.lutron.com/lutron</a>
<b>HeatSmart II</b>	<b>AERCO</b>	CD-ROM selects efficient boiler and water heating products for any design with energy comparison.	<a href="http://www.aerco.com/index.htm">www.aerco.com/index.htm</a>
<b>ENERGY MANAGEMENT TOOLS</b>			
<b>AcquiSuite™</b>	<b>Obvius LLC</b>	“Plug and play” connectivity to meters from companies. Energy consumption information is stored and sent to the Building Manager Online website.	<a href="http://www.obvius.com">www.obvius.com</a>

TECHNOLOGY	MANUFACTURER	MANUFACTURERS CLAIM	CONTACT
<b>RO-MON Load Profiling Meter</b>	<b>E-MON</b>	Displays energy usage requirements in KWH, KW with peak date and time, real-time KW, amps per phase and volts per phase. Capable of interfacing with other types of utility meters including water, gas, BTU, etc.	<a href="http://www.emon.com/html/promon_g.html">www.emon.com/html/promon_g.html</a>
<b>ELITE<sup>pro</sup>™ Recording Poly-Phase Power Meter</b>	<b>Dent Instruments</b>	Poly-phase energy meter measures, stores and reports in kWh, current, voltage, amps, watts, volt-amps, volt-amps-reactive, and power factor.	<a href="http://www.dentinstruments.com/docs/products.html">www.dentinstruments.com/docs/products.html</a>
<b>MISCELLANEOUS</b>			
<b>Small Home System photovoltaic power generating system</b>	<b>Sharp</b>	Small-scale system with all components necessary for a photovoltaic power generating system.	<a href="http://sharp-world.com">sharp-world.com</a>
<b>Tideflex® Coarse Bubble Diffuser</b>	<b>Red Valve</b>	Maximizes mixing and isolation of wastewater from equipment and instrumentation providing substantial savings in energy costs.	<a href="http://www.redvalve.com">www.redvalve.com</a>
<b>CP-SOFC Solid Oxide Fuel Cell Power Plant</b>	<b>Acumentrics</b>	Clean, highly efficient power for on-site grid-support, grid-back-up or grid-independent electrical generation needs. Generates peak net electrical efficiencies in the 40-50% range or up to 75% when waste heat is captured and used.	<a href="http://www.acumentrics.com">www.acumentrics.com</a>

[Back to Table of Contents](#)

## APPENDIX

### MEETINGS, CONFERENCES, AND OTHER EVENTS

NOTE: New events are highlighted in **blue**.  
DOE-sponsored events are highlighted in **green**.

FEMP Training Calendar: [www.eere.energy.gov/femp/newsevents/training.shtml](http://www.eere.energy.gov/femp/newsevents/training.shtml)

#### GENERAL ANNOUNCEMENTS

DATE	EVENT	SPONSOR
<b>October, 2003</b>	<b>2003 Energy Awareness Month</b>	<b>FEMP</b>
November 3, 2003	Project Management for Engineering & Construction Projects	Association of Energy Engineers

#### ATLANTA REGION

DATE	EVENT	SPONSOR
November 12-13, 2003	Green Power 2003 Ft. Lauderdale, FL	<i>Green Power</i> magazine
<b>November 12-14, 2003</b>	<b>World Energy Engineering Congress (WEEC)</b> <b>Atlanta, GA</b>	<b>FEMP</b>
November 12-14, 2003	High Performance Facilities Expo 2003 Atlanta, GA	Association of Energy Engineers
<b>December 3-4, 2003</b>	<b>Fundamentals of Energy Management</b> <b>Miami, FL</b>	<b>Department of Energy</b>
February 3, 2004	Green Power Options Ft. Lauderdale, FL	<i>Green Power</i> magazine
<b>March 18-19, 2004</b>	<b>GREENPRINTS Conference &amp; Tradeshow</b> <b>Atlanta, GA</b>	<b>Department of Energy</b>

#### BOSTON REGION

DATE	EVENT	SPONSOR
<b>March 10-13, 2003</b>	<b>NESEA Building Energy Conference</b>	<b>Northeast Sustainable Energy Association and Massachusetts Technology Collaborative</b>

## CHICAGO REGION

DATE	EVENT	SPONSOR
<b>October 28-30, 2003</b>	<b>How to Meet Federal Energy Goals -- Midwest Workshop St. Louis, MO</b>	<b>FEMP</b>
<b>November 3-5, 2003</b>	<b>Eighth National Green Power Marketing Conference Chicago, IL</b>	<b>Department of Energy</b>
<b>November 18-19, 2003</b>	<b>How to Meet Federal Energy Goals – Midwest Workshops St. Louis, MO</b>	<b>FEMP</b>

## DENVER REGION

DATE	EVENT	SPONSOR
December 11-12, 2003	Business Energy Solutions Expo 2003 New Orleans, LA	Association of American Engineers

## PHILADELPHIA REGION

DATE	EVENT	SPONSOR
<b>November 11, 2003</b>	<b>Metropolitan Washington Regional Alternative Fuels Clean Cities Partnership Meeting Washington, D.C.</b>	<b>Philadelphia Regional Office</b>
November 12 - 14, 2003	2003 USGBC International Green Building Conference & Expo Pittsburgh, PA	U.S. Green Building Council
<b>November 19, 2003</b>	<b>4th Annual Green Power: Turn It On! Awards Luncheon Harrisburg, PA</b>	<b>PennFuture</b>
<b>November 19, 2003</b>	<b>Maryland Industries of the Future and the Maryland Energy Institute Annual Conference</b>	<b>Maryland Energy Administration</b>
December 3-5, 2003	2003 Hydrogen Production and Storage Forum: Assessing the "Here-and-Now" Technical, Strategic and Commercial Opportunities for Generating and Storing Hydrogen Fuel Washington, DC	Intertech Corporation

## SEATTLE REGION

DATE	EVENT	SPONSOR
November 11-14, 2003	2003 Business for Social Responsibility Annual Conference: Building and Sustaining Solutions Los Angeles, CA	Business for Social Responsibility
December 9-11, 2003	Industrial Water Conference 2003 Las Vegas, NV	Industrial Water World
January 26-28, 2004	Distributed Energy Resources Sustaining the Momentum: Delivering the Benefits San Diego, CA	CADER
<b>March 1-3, 2003</b>	<b>POWER-GEN Renewable Energy Conference Las Vegas, NV</b>	<b>American Council on Renewable Energy</b>

[Back to Table of Contents](#)